INDEX

Albavetti, L. *See* Rubio, Bigazzi, Albavetti & Ciliberto

Aref, H. *See* Jones, Thomas & Aref

Atassi, H. M. & Grzedzinski, J. Unsteady disturbances of streaming motions around bodies, 385–403

Barnocky, G. & Davis, R. H. The influence of pressure-dependent density and viscosity on the elastohydrodynamic collision and rebound of two spheres, 501–519

Bigazzi, P. *See* Rubio, Bigazzi, Albavetti & Ciliberto

Bodonyi, R. J., Welch, W. J. C., Duck, P. W. & Tadjfar, M. A numerical study of the interaction between unsteady free-stream disturbances and localized variations in surface geometry, 285–308

Bonmarin, P. Geometric properties of deep-water breaking waves, 405–433

Ciliberto, S. *See* Rubio, Bigazzi, Albavetti & Ciliberto

Corke, T. C. & Mangano, R. A. Resonant growth of three-dimensional modes in transitioning Blasius boundary layers, 93–150

Cox, R. G. *See* Khayat & Cox

Davidson, P. A. The interaction between swirling and recirculating velocity components in unsteady, inviscid flow, 35–55

Davis, R. H. *See* Barnocky & Davis

Duck, P. W. *See* Bodonyi, Welch, Duck & Tadjfar

Dussan V., E. B. *See* Ngan & Dussan V.

Fernando, H. J. S. Buoyancy transfer across a diffusive interface, 1–34

Grimshaw, R. H. J. *See* Pullin, Jacobs, Grimshaw & Saffman

Grosenbaugh, M. A. & Yeung, R. W. Nonlinear free-surface flow at a two-dimensional bow, 57–75

Grzedzinski, J. *See* Atassi & Grzedzinski

Hammack, J., Scheffner, N. & Segur, H. Two-dimensional periodic waves in shallow water, 567–589

Jacobs, P. A. *See* Pullin, Jacobs, Grimshaw & Saffman

Janowitz, G. S. The role of the surface density field in subtropical gyre circulation, 227–247

Jones, S. W., Thomas, O. M. & Aref, H. Chaotic advection by laminar flow in a twisted pipe, 335–357

Khayat, R. E. & Cox, R. G. Inertia effects on the motion of long slender bodies, 435–462

Kit, E. *See* Shemer & Kit

Koch, D. L. & Shaqfeh, E. S. G. The instability of a dispersion of sedimenting spheroids, 521–542

Leong, C. W. & Ottino, J. M. Experiments on mixing due to chaotic advection in a cavity, 463–499

List, E. J. *See* Papantoniou & List

Mac Giolla Mhuiris, N. *See* Speziale & Mac Giolla Mhuiris

Mangano, R. A. *See* Corke & Mangano

INDEX

Albavetti, L. *See* Rubio, Bigazzi, Albavetti & Ciliberto

Aref, H. *See* Jones, Thomas & Aref

Atassi, H. M. & Grzedzinski, J. Unsteady disturbances of streaming motions around bodies, 385–403

Barnocky, G. & Davis, R. H. The influence of pressure-dependent density and viscosity on the elastohydrodynamic collision and rebound of two spheres, 501–519

Bigazzi, P. *See* Rubio, Bigazzi, Albavetti & Ciliberto

Bodonyi, R. J., Welch, W. J. C., Duck, P. W. & Tadjfar, M. A numerical study of the interaction between unsteady free-stream disturbances and localized variations in surface geometry, 285–308

Bonmarin, P. Geometric properties of deep-water breaking waves, 405–433

Ciliberto, S. *See* Rubio, Bigazzi, Albavetti & Ciliberto

Corke, T. C. & Mangano, R. A. Resonant growth of three-dimensional modes in transitioning Blasius boundary layers, 93–150

Cox, R. G. *See* Khayat & Cox

Davidson, P. A. The interaction between swirling and recirculating velocity components in unsteady, inviscid flow, 35–55

Davis, R. H. *See* Barnocky & Davis

Duck, P. W. *See* Bodonyi, Welch, Duck & Tadjfar

Dussan V., E. B. *See* Ngan & Dussan V.

Fernando, H. J. S. Buoyancy transfer across a diffusive interface, 1–34

Grimshaw, R. H. J. *See* Pullin, Jacobs, Grimshaw & Saffman

Grosenbaugh, M. A. & Yeung, R. W. Nonlinear free-surface flow at a two-dimensional bow, 57–75

Grzedzinski, J. *See* Atassi & Grzedzinski

Hammack, J., Scheffner, N. & Segur, H. Two-dimensional periodic waves in shallow water, 567–589

Jacobs, P. A. *See* Pullin, Jacobs, Grimshaw & Saffman

Janowitz, G. S. The role of the surface density field in subtropical gyre circulation, 227–247

Jones, S. W., Thomas, O. M. & Aref, H. Chaotic advection by laminar flow in a twisted pipe, 335–357

Khayat, R. E. & Cox, R. G. Inertia effects on the motion of long slender bodies, 435–462

Kit, E. *See* Shemer & Kit

Koch, D. L. & Shaqfeh, E. S. G. The instability of a dispersion of sedimenting spheroids, 521–542

Leong, C. W. & Ottino, J. M. Experiments on mixing due to chaotic advection in a cavity, 463–499

List, E. J. *See* Papantoniou & List

Mac Giolla Mhuiris, N. *See* Speziale & Mac Giolla Mhuiris

Mangano, R. A. *See* Corke & Mangano

Nagata, M. Nonlinear Faraday resonance in a box with a square base, 265–284

Ngan, C. G. & Dussan V., E. B. On the dynamics of liquid spreading on solid surfaces, 191–226

Ottino, J. M. *See* Leong & Ottino

Papantoniou, D. & List, E. J. Large-scale structure in the far field of buoyant jets, 151–190

Pedley, T. J. *See* Ralph & Pedley

Pozrikidis, C. Inviscid drops with internal circulation, 77–92

Pullin, D. I., Jacobs, P. A., Grimshaw, R. H. J. & Saffman, P. G. Instability and filamentation of finite-amplitude waves on vortex layers of finite thickness, 359–384

Ralph, M. E. & Pedley, T. J. Viscous and inviscid flows in a channel with a moving indentation, 543–566

Rubio, M. A., Bigazzi, P., Albavetti, L. & Ciliberto, S. Spatio-temporal regimes in Rayleigh–Bénard convection in a small rectangular cell, 309–334

Sadhal, S. S. *See* Vuong & Sadhal

Saffman, P. G. *See* Pullin, Jacobs, Grimshaw & Saffman

Scheffner, N. *See* Hammack, Scheffner & Segur

Segur, H. *See* Hammack, Scheffner & Segur

Shaqfeh, E. S. G. *See* Koch & Shaqfeh

Shemer, L. & Kit, E. Long-time evolution and regions of existence of parametrically excited nonlinear cross-waves in a tank, 249–263

Speziale, C. G. & Mac Giolla Mhuiris, N. On the prediction of equilibrium states in homogeneous turbulence, 591–615

Tadjfar, M. *See* Bodonyi, Welch, Duck & Tadjfar

Thomas, O. M. *See* Jones, Thomas & Aref

Vuong, S. T. & Sadhal, S. S. Growth and translation of a liquid–vapour compound drop in a second liquid. Part 1. Fluid mechanics, 617–637

Vuong, S. T. & Sadhal, S. S. Growth and translation of a liquid–vapour compound drop in a second liquid. Part 2. Heat transfer, 639–660

Welch, W. J. C. *See* Bodonyi, Welch, Duck & Tadjfar

Yeung, R. W. *See* Grosenbaugh & Yeung